

### Abstract

Organically modified aerogels, processes for their preparation by surface modification of the aqueous gel, without prior solvent exchange, and subsequent drying, and their use

The present invention relates to novel, organically modified aerogels, to a process for producing them in which

- a) a hydrogel is introduced as initial charge,
- b) the hydrogel obtained in step a) is subjected to surface modification, and
- c) the surface-modified gel obtained in step b) is dried;

and to their use.

The present invention additionally relates to novel, organically modified wet gels, to a process for producing them and to their use.